

# APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
COMPACT FULL-WIDTH ARRAY ARCHITECTURE WITHOUT SATELLITE AND BUTTING ERRORS

described and claimed in the specification:

**Check one**

- \*a. ☒ attached hereto.  
b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;  
Richard E. Rice, Reg. No. 31,560; Paul Tsou, Reg. No. 37,956; and  
Eric D. Morehouse, Reg. No. 38,565.

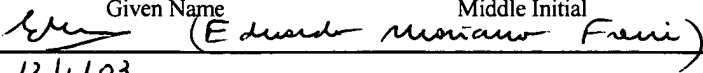
**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 **Typewritten Full Name  
of First or Sole Inventor**

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

Given Name	Middle Initial	Family Name
Eduardo	Mariano	FREIRE
		

Month	Day	Year
Webster	New York	U.S.A.
City	State or Province	Country

Residence:

Citizenship:

Post Office Address:

(Insert complete

mailing address,

including country)

611 Cardile Drive

Webster, New York 14580, USA

\*If Box (a.) is checked, this form may be executed only when attached to the specification (including claims).

\*\*Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

**IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒**

**PAGE 2 OF U.S.A. DECLARATION FORM**  
**(Discard this page in a sole inventor application)**

1 **Typewritten Full Name**  
**of Second Joint Inventor (if any)**

	Harry	Anderson	WILLIAMS
	Given Name	Middle Initial	Family Name
2 <b>**Inventor's Signature:</b>			
3 <b>**Date of Signature:</b>	12	12	2003
	Month	Day	Year

Residence:	Webster	New York	U.S.A.
	City	State or Province	Country

Citizenship: \_\_\_\_\_

Post Office Address:  
(Insert complete mailing address, including country)

1135 Rousseau Drive

Webster, New York 14580, U.S.A.

1 **Typewritten Full Name**  
**of Third Joint Inventor (if any)**

	Gary	A.	KNEEZEL
	Given Name	Middle Initial	Family Name
2 <b>**Inventor's Signature:</b>	_____		
3 <b>**Date of Signature:</b>	_____		
	Month	Day	Year

Residence:	Webster	New York	U.S.A.
	City	State or Province	Country

Citizenship: United States of America

Post Office Address:  
(Insert complete mailing address, including country)

1819 Woodard Road

Webster, New York 14580, U.S.A.

1 **Typewritten Full Name**  
**of Fourth Joint Inventor (if any)**

	Yoshihiko		FUJIMURA
	Given Name	Middle Initial	Family Name
2 <b>**Inventor's Signature:</b>	_____		
3 <b>**Date of Signature:</b>	_____		
	Month	Day	Year

Residence:	Fujisawa-shi	Kanagawa	JAPAN
	City	State or Province	Country

Citizenship: Japan

Post Office Address:  
(Insert complete mailing address, including country)

4-30-13, Ishikawa

Fujisawa-shi, Kanagawa, 252-0815, JAPAN

1 **Typewritten Full Name**  
**of Fifth Joint Inventor (if any)**

	Given Name	Middle Initial	Family Name
2 <b>**Inventor's Signature:</b>	_____		
3 <b>**Date of Signature:</b>	_____		
	Month	Day	Year

Residence:			
	City	State or Province	Country

Citizenship: \_\_\_\_\_

Post Office Address:  
(Insert complete mailing address, including country)

\_\_\_\_\_

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1 **Typewritten Full Name**  
**of Second Joint Inventor (if any)**

Harry	Anderson	WILLIAMS
Given Name	Middle Initial	Family Name

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

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1135 Rousseau Drive  
Webster, New York 14580, U.S.A.

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Gary	A.	KNEEZEL
Given Name	Middle Initial	Family Name

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Citizenship:

United States of America

Post Office Address:  
(Insert complete  
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including country)

1819 Woodard Road  
Webster, New York 14580, U.S.A.

1 **Typewritten Full Name**  
**of Fourth Joint Inventor (if any)**

Yoshihiko		FUJIMURA
Given Name	Middle Initial	Family Name

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

	Month	Day	Year
Residence:	Fujisawa-shi	Kanagawa	JAPAN
	City	State or Province	Country

Citizenship:

Japan

Post Office Address:  
(Insert complete  
mailing address,  
including country)

4-30-13, Ishikawa  
Fujisawa-shi, Kanagawa, 252-0815, JAPAN

1 **Typewritten Full Name**  
**of Fifth Joint Inventor (if any)**

Given Name	Middle Initial	Family Name

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

	Month	Day	Year
Residence:			
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Citizenship:

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Harry	Anderson	WILLIAMS
Given Name	Middle Initial	Family Name

2 **\*\*Inventor's Signature:** \_\_\_\_\_

3 **\*\*Date of Signature:** \_\_\_\_\_

Month	Day	Year
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Gary	A.	KNEEZEL
Given Name	Middle Initial	Family Name

2 **\*\*Inventor's Signature:** \_\_\_\_\_

3 **\*\*Date of Signature:** \_\_\_\_\_

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Citizenship: \_\_\_\_\_

United States of America

Post Office Address:  
(Insert complete mailing address, including country)

1819 Woodard Road

Webster, New York 14580, U.S.A.

1 **Typewritten Full Name**  
**of Fourth Joint Inventor (if any)**

Yoshihiko	FUJIMURA
Given Name	Family Name

2 **\*\*Inventor's Signature:** *Yoshihiko Fujimura*

3 **\*\*Date of Signature:** *11 / 13 / 2003*

Month	Day	Year
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Residence: \_\_\_\_\_

Fujisawa-shi	Kanagawa	JAPAN
City	State or Province	Country

Citizenship: \_\_\_\_\_

Japan

Post Office Address:  
(Insert complete mailing address, including country)

4-30-13, Ishikawa

Fujisawa-shi, Kanagawa, 252-0815, JAPAN

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**of Fifth Joint Inventor (if any)**

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2 **\*\*Inventor's Signature:** \_\_\_\_\_

3 **\*\*Date of Signature:** \_\_\_\_\_

Month	Day	Year
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